Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 22 Jul 2022 until 23:59 on Saturday 23 Jul 2022

Forecast Issued on Thursday 21 Jul 2022 at 15:17

Confidence: High for overall story, moderate confidence in timings of precipitation.

Headline for Friday 22 Jul 2022: Generally cloudy with outbreaks of rain.

Mountain weather hazards on Friday 22 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Dull	Heavy Rain	Light rain	Light rain	Dull	Cloudy
Precipitation probability							
10%	10%	10%	60%	60%	60%	20%	10%

Forecast for Friday 22 Jul 2022

Weather: Cloudy during the early hours of the morning, with patchy light rain or drizzle over the high ground. Outbreaks of rain by mid-morning, possibly heavy at times, then steadily clearing late afternoon. Remaining cloudy into the evening, but once again there is a risk of some light drizzle.

Chance of cloud-free hill tops above 600m: 80% at first, dropping to 60% in showers.

Low cloud and visibility: Moderate to good visibility, dropping to poor in showers, particularly over high ground with cloud base falling to around 600m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 22 Jul 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/21 SE	14/20 SE	14/21 SE	14/21 SE	12/19 SE	13/19 SE	12/16 SE	12/17 SE	11/16 SE
300	9/17 SE	9/18 SE	11/19 SE	9/15 SE	9/15 SE	10/17 SE	9/16 SE	10/18 SE	10/17 SE
Valley	6/13 E	6/13 E	7/14 SE	6/13 SE	7/13 SE	7/14 SE	6/11 SE	6/12 E	6/12 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/10	12/9	12/9	12/9	12/10	13/11	12/10	12/10
300	15/13	14/13	14/12	14/12	14/13	15/13	15/13	14/12	14/12
Valley	16/15	15/14	15/14	14/14	15/14	16/14	15/15	15/14	14/14
Freezing Level*	2700m	2700m	2800m	2900m	2800m	2900m	2800m	2800m	2700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A fairly poor day over the summits with widespread low cloud and heavy rain for most.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 21 Jul 2022	1.6mm	1.6mm	1.6mm

Forecast for Saturday 23 Jul 2022

Weather: A band of low cloud passing across the area early in the morning with a brief spell of rain. Then generally dry for much of the day, sunny as well at first but turning cloudy into the afternoon.

Maximum wind: Southwesterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 90%, dropping to 40% in early morning low cloud.

Low cloud and visibility: Good visibility throughout the day, briefly moderate visibility in low cloud base 500m as front passes early in the morning.

Temperature: **Valleys:** Plus 11 Celsius increasing to 19 Celsius.
At 600m: Plus 12 increasing 17 Celsius.
Freezing level: Above summits.

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